

USAMMDA INFORMATION PAPER

PRODUCT: VENTILATORY ASSIST DEVICE

DESCRIPTION: The Ventilatory Assist Device is an integrated ventilator and anesthesia machine for use by the Forward Surgical Team. Integrating these devices will eliminate the current practice of manually bagging the patient. It will be compatible with low-pressure oxygen sources such as oxygen concentrators, and ensure proper ventilation of patients during surgery.

PROGRAM RELEVANCE to the ARMY: This product supports both the core mission of the Army and the Army Transformation. Of the Army's core competencies, this product supports "Forcible Entry Operations," "Sustained Land Dominance," and "Support of Civil Authorities." This product reduces the weight and size of the equipment in the field hospitals by eliminating the need for high-pressure oxygen or air to operate anesthesia machines. This product is intended to save soldiers' lives in those situations, and supports Future Operational Capabilities: This product supports Future Operational Capabilities: MD-02-001 Clearing the Battlefield and MD-02-002 Hospitalization.

ISSUES/ACTIONS:

- Five anesthesia machines were procured and tested at 10 hospitals. There were no major problems or issues during the test.
- Two machines were deployed in Operation Iraqi Freedom and used effectively.
- Analyze the results of the user tests.
- Generation of a test report by the U.S. Army Medical Department Board.
- Transition for procurement.

ADDITIONAL INFORMATION:

BPL # 428

DA PROJECT/TASK: Trauma Management –
PE/PROJ 643807/836JP

MAMP RANK: 34/36

ARMY ORD: The ORD has been submitted to
TRADOC.

SCHEDULE:

MS A/B	1QFY04
MS C	1QFY05

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